Title (en)

SYSTEMS AND METHODS FOR AUTO-GENERATING A CONTROL AND MONITORING SOLUTION FOR SMART AND ROBOTICS ENVIRONMENTS

Title (de)

SYSTEME UND VERFAHREN ZUR AUTOMATISCHEN ERZEUGUNG EINER STEUERUNGS- UND ÜBERWACHUNGSLÖSUNG FÜR INTELLIGENTE UND ROBOTISCHE UMGEBUNGEN

Title (fr)

SYSTÈMES ET PROCÉDÉS D'AUTOGÉNÉRATION D'UNE SOLUTION DE COMMANDE ET DE SURVEILLANCE POUR ENVIRONNEMENTS INTELLIGENTS ET ROBOTIQUES

Publication

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Application

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Abstract (en)

Systems and methods for auto-generating a control and monitoring solution for smart and robotics environments. The traditional systems and methods provide solutions for the smart and robotics environments by manually generating codes but none them provide for auto-generation of the control and monitoring solutions and the corresponding coordination logics. Embodiments of the present disclosure provide for auto-generating the control and monitoring solution by capturing a set of domain knowledge and information on capabilities of a plurality of devices by an accumulator module (201), auto-generating a controlled coordination logic based upon the set of domain knowledge and the capabilities information by a control logic synthesizer module (202) and auto-generating, by an implementation module (203), the control and monitoring solution for the smart and robotics environments based upon the coordination control logic.

IPC 8 full level

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